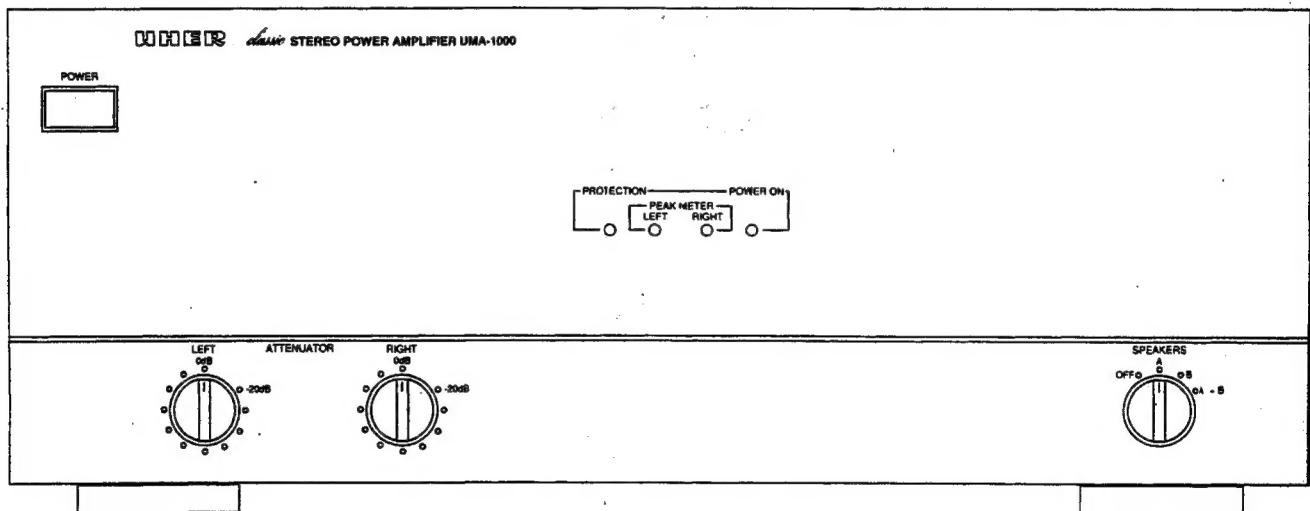
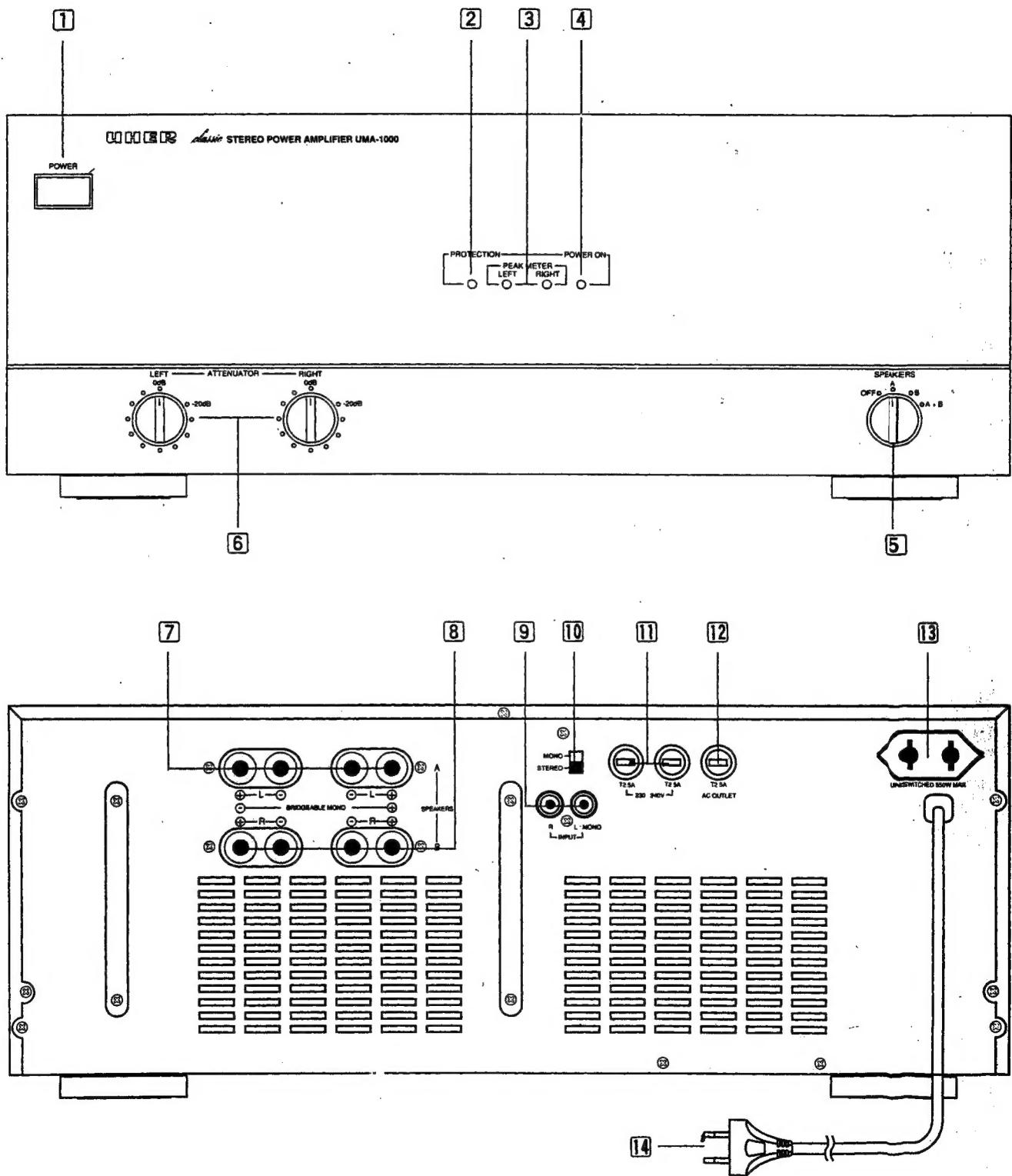


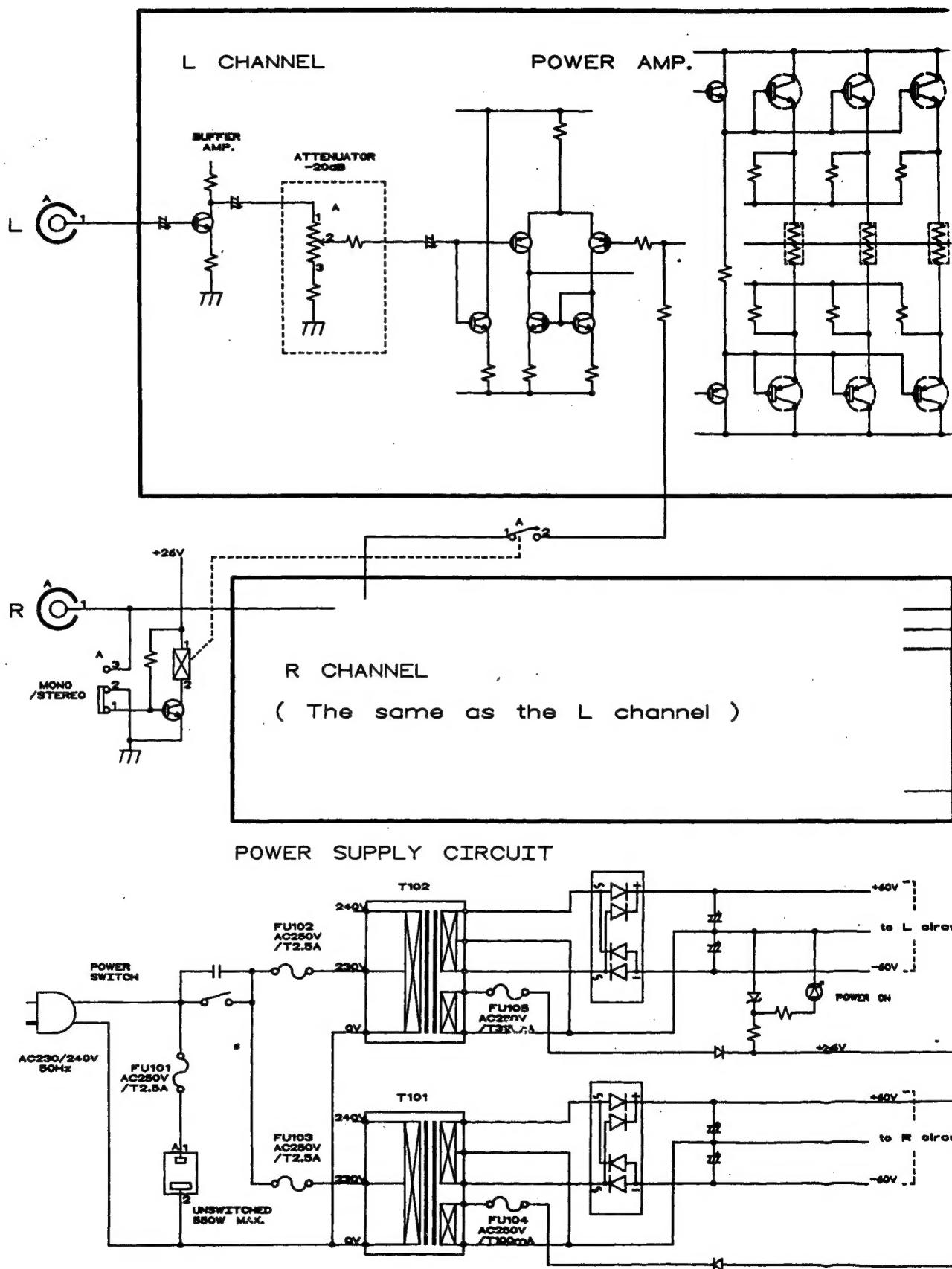
**SERVICE
MANUAL****UMA-1000****STEREO MAIN AMPLIFIER**

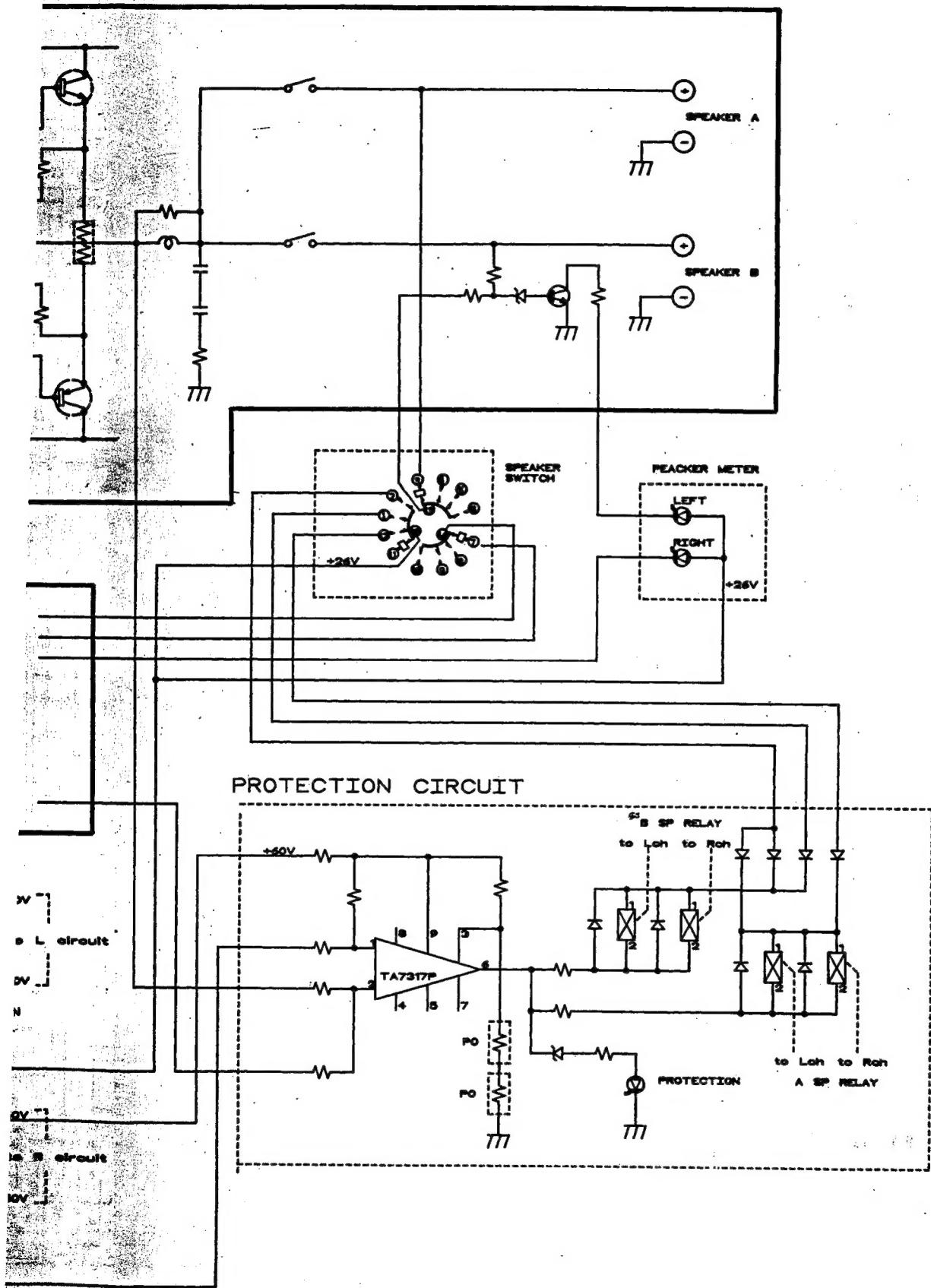
PANEL FEATURES



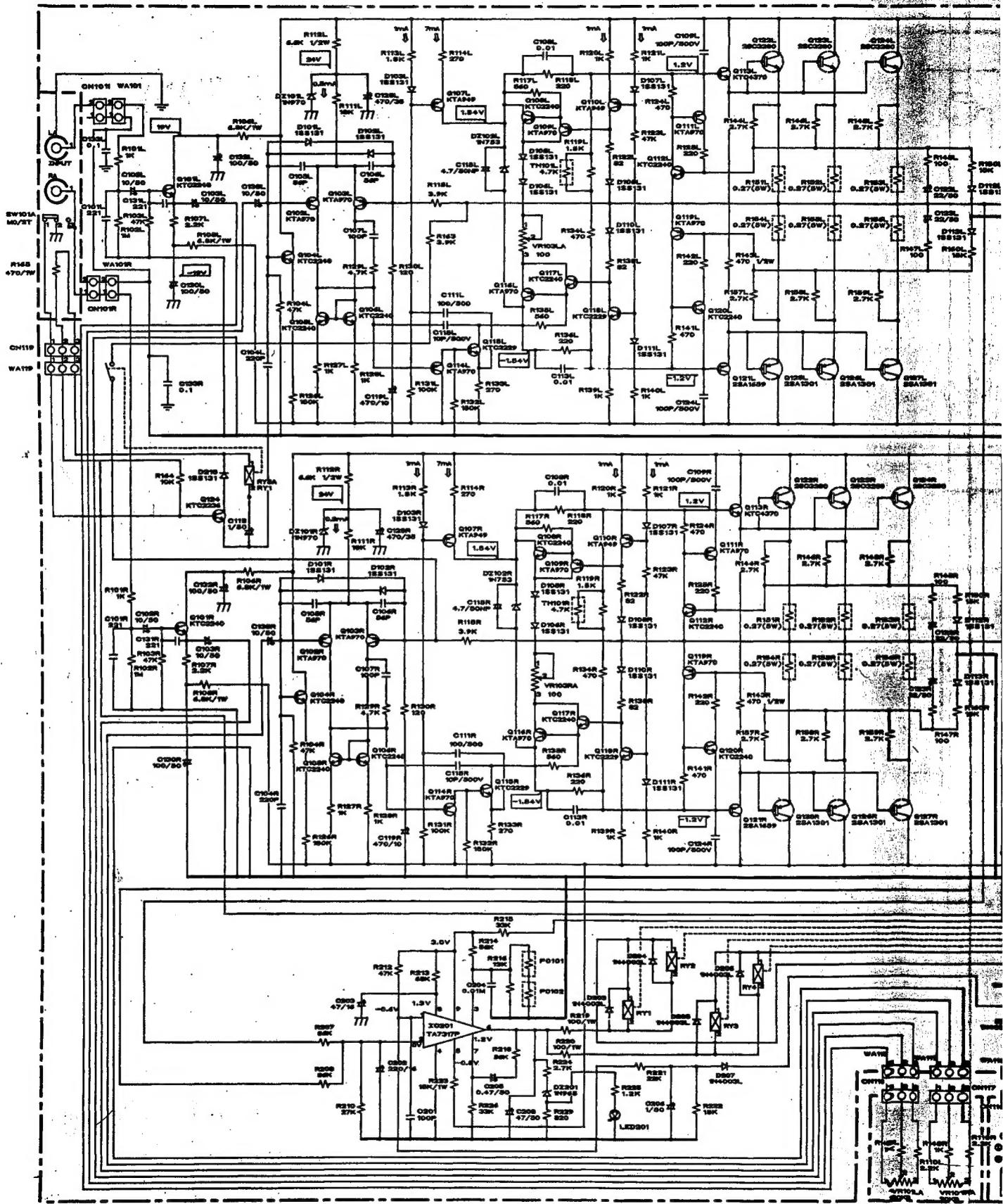
Designation and function	INSCRIPTION	
①. Mains key	POWER	
With this key you switch the final amplifier on or off, respectively		
②. Display "Protective Circuit On"	PROTECTION	
When this message is illuminated the unit is either not yet ready for operation or there is a malfunction.		
③. Peak Value Display	PEAK METER	
This display is lit when the respective channel's output has reached its full (peak) power.		
④. Mains indication	POWER ON	
This display is shown when the unit is switched on.		
⑤. Turning Knob for Speaker Selection	SPEAKERS	
With this knob you select the desired pair of speakers.		
⑥. Attenuator	ATTENUATOR	
With these controls you can decrease the input sensitivity of the respective channel by up to 20 dB.		
⑦. Speaker Screw Terminals A	SPEAKERS A	
You connect your main pair of speaker boxes to these clamped connection outlet.		
⑧. Speaker Screw Terminals B	SPEAKERS B	
To these clamped connection outlet you can connect an additional pair of speaker boxes.		
⑨. Input Sockets		INPUT R/L
Connect these sockets to the outputs of your pre-ampifier or equalizer (if you want to loop this in between pre-amplifier and final amplifier).		
⑩. Selector Switch Bridging Function		MONO/STEREO
If you want to use for your unit as a mono output transformer you set this switch to the position MONO.		
⑪. Fuse Bracket		230...240V
If the unit does not function at all (that is when also the display 4 does not light), you check the fuses in these brackets.		
⑫. Fuse Bracket for Socket 13 AC OUTLET FUSE		
In case a unit connected to the outlet 13 does not function check the fuses in this bracket.		
⑬. Socket for an Additional Device		UNSWITCHED 550W MAX
To this socket you can connect another HiFi device with a power consumption of a maximum of 550 watts.		
⑭. Mains Cable		
The plug of this cable must be plugged into a mains socket of 230V/50Hz.		

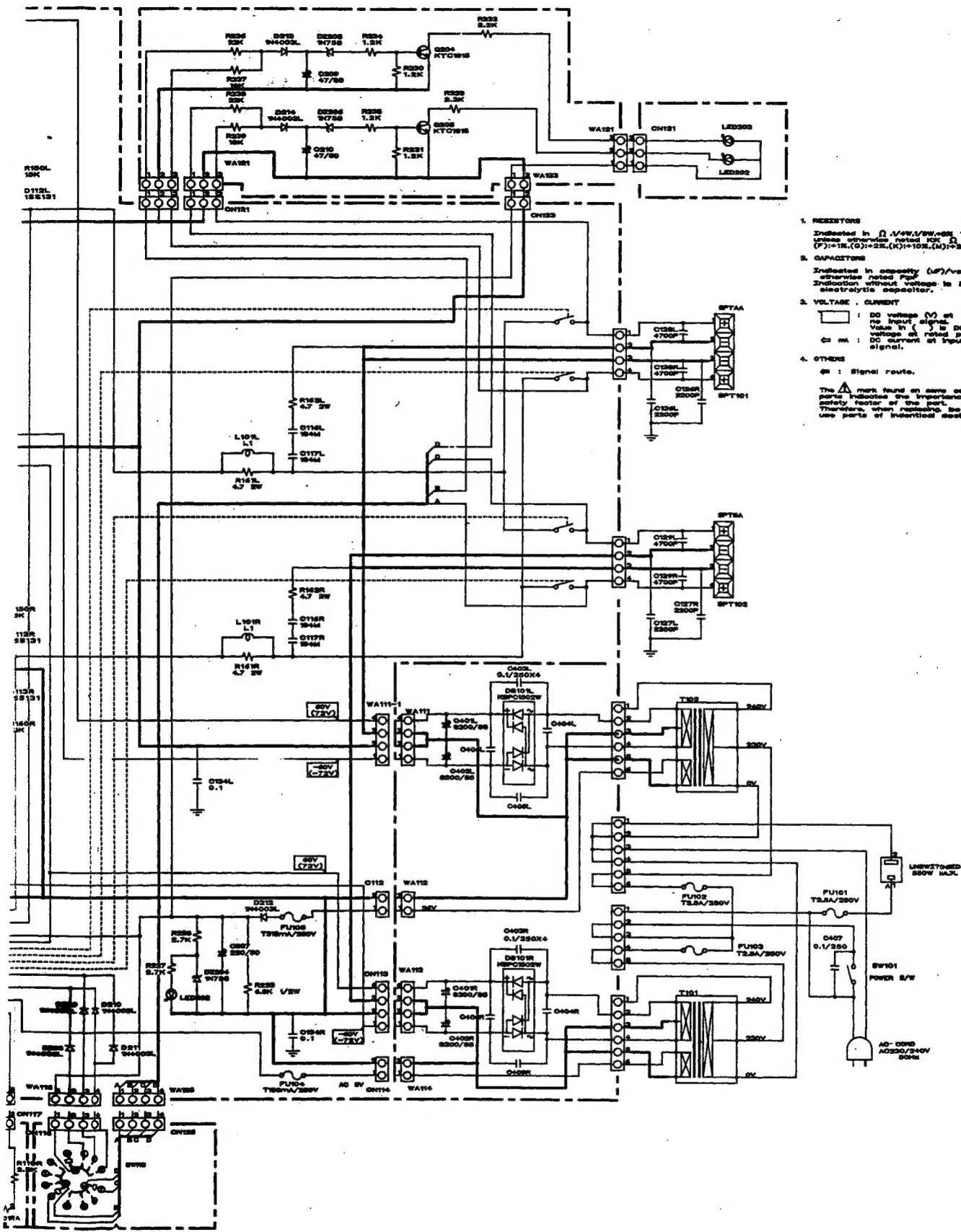
BLOCK DIAGRAM





SCHEMATIC DIAGRAM





1. PRESENTORES

3. CAPACITORS

Indicated in capacity (μF)/voltage(V) unless otherwise noted F_{PP} . Indication without voltage is 50V except electrolytic capacitor.

3. VOLTAGE, CURRENT

1 DC voltage (V) at no input signal.
 Value in () is DC voltage at rated power.
 2 DC current at input signal.

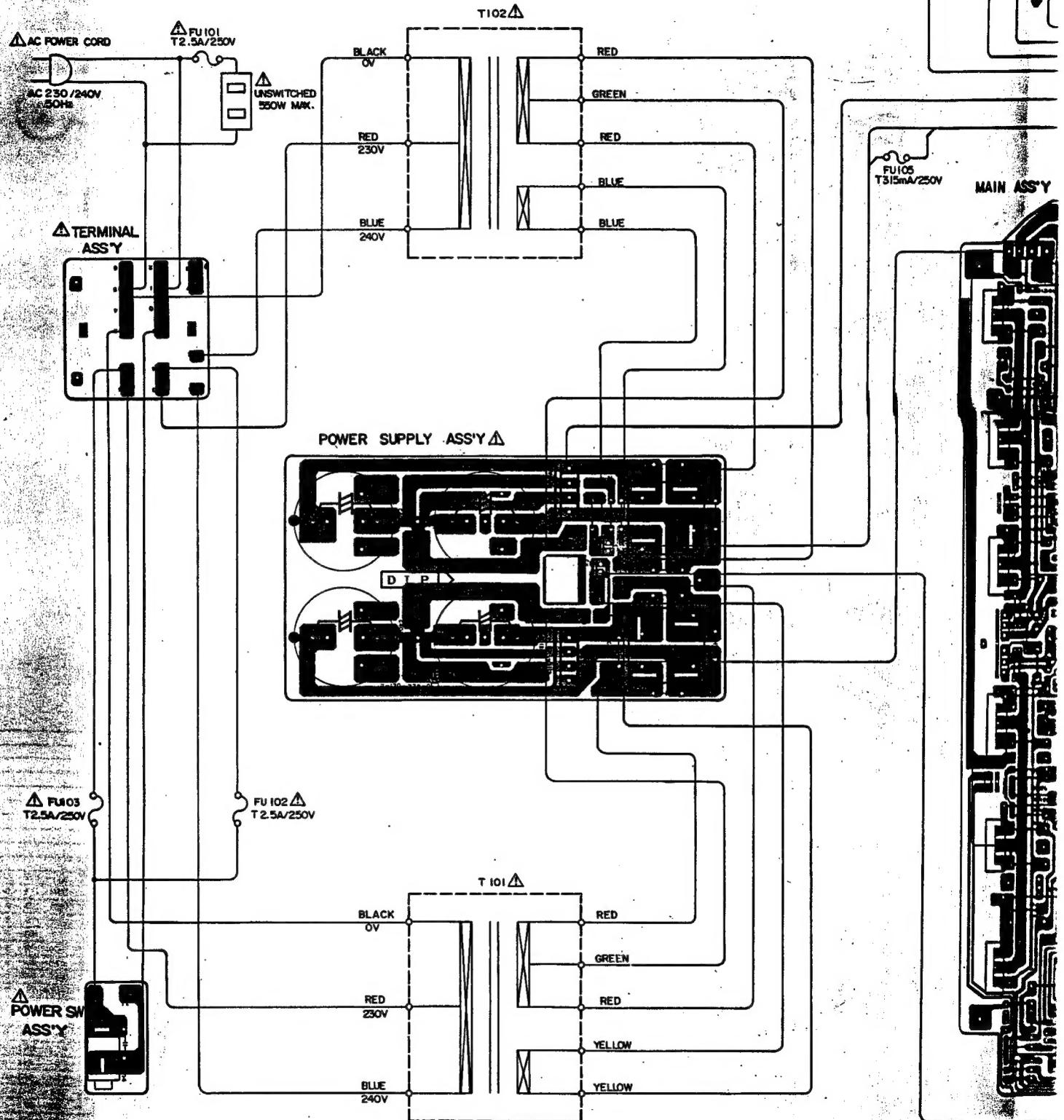
4. OTHER

• : Signal route.

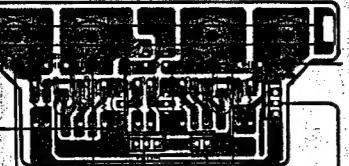
The  mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

WIRING DIAGRAM

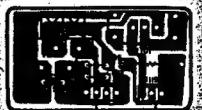
SPEAKER B A



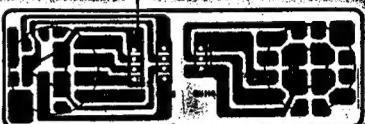
SPEAKER A ASS'Y



INPUT JACK ASSY



SPEAKER SWITCH ASS'Y



VOLUME ASS'Y



INDICATOR ASS'Y

